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USES OF SULPHUR IN SOILS

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(Alkali Reclamation - Nutrient Availability - As a Fertilizer)

- Azeez, M. A. Reclamation of alkali soils. North-West Frontier Prov., India. Dept. Agr. Q. Notes 5(1/2):39-42. Jan. Apr. 1943. (Photostat)
- Bear, F. E. Soils and fertilizers. 1942. 56.6 B38
- Botkin, C. W. The effect of the constituents of alkali fertilizers and soil amendments on the permeability of certain fine-textured soils under irrigation. New Mexico Agr. Exp. Sta. Bul. 160; 1927.
- Conrad, J. P. Retention by soils of the sulfur of various compounds as revealed by subsequent plant growth. Jour. Amer. Soc. of Agron. 33:37-46. January 1941.
- *Chandler, W. V. and G. D. Scarseth. Iron starvation as affected by overphosphating and sulfur treatment on Houston and Sumter clay soils. Jour. Amer. Soc. of Agron. 33:93-104. February 1941.
 - Gustafson, A. F. Soils and soil management. 1941. 56.7 G98s
- Hambidge, Gove. Hunger signs in crops; a symposium. 1941. 463.34 Am3
- Harmer, P. M.. The occurrence and correction of unproductive alkaline organic soils. Soil Sci. Soc. Amer. Proc. 7:378-386. 1942.
- Jones, J. S. The ratio of sulphur to phosphorous in western soils and losses of sulphur through drainage and cropping. Soil Sci. 26. 1928. (Photostat)
- *Kelley, W. P. The reclamation of alkali soils, Calif. Agr. Exp. Sta. Bul. 617. 1937.
- Lint, H. C. The influence of sulphur on soil acidity. Jour. Ind. and Eng. Chem. 6:747-748. 1914. (Photostat)
- *Lyon, T. L. and H. O. Buckman. The nature and properties of soils. 1943. 56 L99N
- McGeorge, W. T. The measurement and significance of hydroxyl-ion concentration in alkaline-calcareous soils. Ariz. Agr. Exp. Sta. Tech. Bul. 57. 1935.
- *McGeorge, W. T. Productive capacity of semi-arid soils under the present emergency. Ariz. Agr. Exp. Sta. Bul. 182. 1942.
- .McGeorge, U. T. Some problems connected with fertilization of alkali soils. Calif. Citrograph 24:389-424. 1939. (Photostat)
- Compiled in Albuquerque Branch, U.S. Department of Agriculture Library
 Sources consulted: Agricultural Index
 Experiment Station Record
 Bibliographies contained in the articles examined.

- McGeorge, W. T. Studies on plant food availability in alkaline-calcareous soils: seedling tests and soil analysis. Ariz, Agr. Exp. Sta. Tech. Bul. 94:377-418. 1942.
- *McGeorge, W. T. and W. A. Frazier. Sulfur placement in the fertilization of alkaline soils. Soil Sci. Soc. Amer. Proc. 4:288-289. 1939.
- *McGeorge, W. T. and R. A. Greene. Oxidation of sulphur in Arizona soils and its effect on soil properties. Ariz. Agr. Exp. Sta. Tech. Bul. 59. 1935.
- *Magistad, O. C. and J. E. Christiansen. Saline soils; their nature and management. U. S. Dept. of Agr. Circ. 707. September 1944.
- *Powers, W. L. Soil changes due to irrigation and related treatments. Soil Sci. Soc. of Amer. Vol. 4 Proc. 1939.
- *Powers, W. L. The removal of soluble salts from virgin black alkali soils. Proc. 2nd. Intil. Congress Soil Sci. 5:355. 1932.
- *Powers, W. L., ed. The use of sulphur in soils. Texas Gulf Sulphur Co. 89 pages. No date.
- *Ratsek, J. C. Effect of sulphur on the growth of roses in an alkaline soil. Amer. Soc. Hort. Sci. Proc. 1939: 973-977, 1940. (Photostat)
- *Ratsek, J. C. Effect of sulphur on growth of roses in an alkaline soils; results for 1940 and 1941. Amer. Soc. Hort. Sci. Proc. 1940:565-568. 1942. (Photostat)
- Ratsek, J. C. Effect of sulphur particle size and of aluminum sulphate on rate of soil acidification. Amer. Soc. Hort. Sci, Proc. 43:281-283.

 November 1943. (Photostat)
- *Texas Gulf Sulphur Co. Better soils with sulphur. No date.
- Thomas, M. D. Utilization of sulphate and sulphur dioxide for the sulphur nutrition of alfalfa. Plant Phys. 18:345-371. July 1943. (Photostat)
- *Thomas, E. E. Reclamation of black alkali with various kinds of sulphur. Hilgardia, Vol. 10:5 pp. 127. 1936.
- *Thorne, D. W. The use of acidifying materials on calcareous soils. Jour. Amer. Soc. of Agron. 36:815-828. October 1944.
- U. S. Dept. of Agriculture. Soils and men. USDA, Yearbook of Agriculture. 1938. 1 Ag84Y
- *Wann, F. B. Chlorosis, yellowing of plants; cause and control. Utah Exp. Sta. Cir. 85:12. 1930.
- *Wurston, J. L. and W. L. Powers. Reclamation of virgin black alkali soils. Jour. Amer. Soc. of Agron. 26:752. 1934.
- *These titles are especially applicable to Region 6.



